BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

BBMP/2023-24/OW/WORK_INDENT2339

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/12/2023-24 Dated: 13-02-2024

APPROVED TENDER SCHEDULE - B

Item-3

Name of Work:-Construction of Anganvadi Building at JP Colony in ward No 02

Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.Raghunath B P	
				Rate	Rate in words
1	Engaging on Hire Basis of Tractor -Trolley for conveying of excavated and removal of stuff from work spot.	hr	480.00	681.66	Six Hundred EightyOne Paise SixtySix Only
2	Labour charges to unskilled mazdoor heavy	Day	300.00	500.66	Five Hundred Paise SixtySix Only
3	Concrete cutting machine	hr	2880.00	187.41	One Hundred EightySeven Paise FourtyOne Only
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m	Cum	128.69	225.40	Two Hundred TwentyFive Paise Fourty Only
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.Specification	Cum	18.06	6515.12	Six Thousand Five Hundred Fifteen Paise Twelve Only
6	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6	Cum	13.79	7236.63	Seven Thousand Two Hundred ThirtySix Paise SixtyThree Only
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates	Cum	1.76	6904.76	Six Thousand Nine Hundred Four Paise SeventySix Only

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8	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	80.97	181.23	One Hundred EightyOne Paise TwentyThree Only
9	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum	Cum	209.66	97.41	NinetySeven Paise FourtyOne Only
10	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	T.Km	268.36	121.09	One Hundred TwentyOne Paise Nine Only
11	Providing and constructing laterite size stone masonry including cost and conveyance of all material curing etc complete as per specification IS 3620/1979 having compressive strength not less than 3.5N/mm2 for saturated dry samples- for super structure in CM 1:6	Cum	4.08	4481.98	Four Thousand Four Hundred EightyOne Paise NinetyEight Only
12	Providing Flush/ Ruled pointing: Pointing on stone work with cementmortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge.	Sqm	3.75	288.83	Two Hundred EightyEight Paise EightyThree Only
13	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	33.48	7705.46	Seven Thousand Seven Hundred Five Paise FourtySix Only
14	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates Ground floor:-Column's	Cum	1.84	8088.62	Eight Thousand EightyEight Paise SixtyTwo Only
15	Lintels :	Cum	1.14	8823.95	Eight Thousand Eight Hundred TwentyThree Paise NinetyFive Only
16	Roof Slab	Cum	6.38	8823.95	Eight Thousand Eight Hundred TwentyThree Paise NinetyFive Only
17	Beam	Cum	1.55	8823.95	Eight Thousand Eight Hundred TwentyThree Paise NinetyFive Only
18	First floor:- Column's	Cum	1.66	8169.51	Eight Thousand One Hundred SixtyNine Paise FiftyOne Only

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Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.Raghunath B P	
				Rate	Rate in words
19	Lintels	Cum	0.93	8912.19	Eight Thousand Nine Hundred Twelve Paise Nineteen Only
20	Roof Slab	Cum	6.26	8912.19	Eight Thousand Nine Hundred Twelve Paise Nineteen Only
21	Beam	Cum	1.80	8912.19	Eight Thousand Nine Hundred Twelve Paise Nineteen Only
22	Providing and laying in position plain cement concrete for levellingcourse for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates	Cum	5.44	6712.20	Six Thousand Seven Hundred Twelve Paise Twenty Only
23	Providing Thermo Mechanically Treated bars of grade Fe 550 Steel reinforcement for R.C.C. work including straightening cutting bending placing in position binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material labour usage charges complete as per specifications. The laps and wastages shall not be measured separately	Kg	9417.49	108.74	One Hundred Eight Paise SeventyFour Only
24	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. Ground floor	Sqm	60.15	1483.80	One Thousand Four Hundred EightyThree Paise Eighty Only
25	First floor	Sqm	59.07	1498.64	One Thousand Four Hundred NinetyEight Paise SixtyFour Only
26	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications	Sqm	25.92	1394.32	One Thousand Three Hundred NinetyFour Paise ThirtyTwo Only
27	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications	Sqm	22.86	1250.47	One Thousand Two Hundred Fifty Paise FourtySeven Only
28	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	218.05	436.08	Four Hundred ThirtySix Paise Eight Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.Raghunath B P	
				Rate	Rate in words
29	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	151.74	365.85	Three Hundred SixtyFive Paise EightyFive Only
30	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications	Sqm	41.76	395.30	Three Hundred NinetyFive Paise Thirty Only
31	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	Sqm	151.74	113.27	One Hundred Thirteen Paise TwentySeven Only
32	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge	Sqm	151.74	130.26	One Hundred Thirty Paise TwentySix Only
33	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications.	Sqm	218.05	201.62	Two Hundred One Paise SixtyTwo Only
34	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge.	Sqm	32.49	906.14	Nine Hundred Six Paise Fourteen Only
35	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.	Sqm	71.32	3230.37	Three Thousand Two Hundred Thirty Paise ThirtySeven Only
36	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2 including pointing in white cement mixed with pigment of matching shade complete.	Sqm	10.08	1252.73	One Thousand Two Hundred FiftyTwo Paise SeventyThree Only
37	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications	Sqm	41.76	1641.24	One Thousand Six Hundred FourtyOne Paise TwentyFour Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.Raghunath B P	
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38	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.	Nos	4.00	1150.79	One Thousand One Hundred Fifty Paise SeventyNine Only
39	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.	Cum	0.18	156392.28	One Lakh FiftySix Thousand Three Hundred NinetyTwo Paise TwentyEight Only
40	Providing and fixing in position fully panelled Honne wood shutters for doors with , stiles and rails of 35mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications.	Sqm	7.56	8024.97	Eight Thousand TwentyFour Paise NinetySeven Only
41	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	1.20	156.31	One Hundred FiftySix Paise ThirtyOne Only
42	Providing & fixing of louvered ventilator made out of multi chambered UPVC (Matching to RAL 9016) sections and with minimum TiO2 (Titanium Dioxide) at 6PHR with TPE (Thermo Plastic Elastomer) and lead free with gaskets grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium powder coated in white will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm. Maximum possible size 1000mm x 1000mm. (The cost is inclusive of all fixtures and separate charges for minor T&Ps shall not be made).	Sqm	5.40	6477.74	Six Thousand Four Hundred SeventySeven Paise SeventyFour Only
43	Providing and fixing M S grills of required pattern in frames of windows etc with M.S. flats square or round bars etc including priming coat with approved steel primer all complete Fixed to openings wooden frames with rawl plugs screws etc	Kg	1020.60	207.59	Two Hundred Seven Paise FiftyNine Only
44	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer including cost of materials ,labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge	Sqm	3.60	9373.98	Nine Thousand Three Hundred SeventyThree Paise NinetyEight Only
45	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	23.40	157.44	One Hundred FiftySeven Paise FourtyFour Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.Raghunath B P	
				Rate	Rate in words
46	Providing and laying water proofing treatment to the Water tanks & Liquid Retaining structures with two component acrylic polymer modified cementitious waterproofing membrane with minimum elongation of 50% applied @ 1.5 kg/m2 for internal side waterproofing in two layers with waiting period of 4-6 hrs per layer and food grade epoxy coating in two coats certified by CFTRI Mysuru, including surface preparation completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.	Sqm	32.49	574.26	Five Hundred SeventyFour Paise TwentySix Only
47	Providing and placing on terrace(at all floor levels), polyethylene water storage tanks as per IS 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity)	Ltr	2000.00	10.19	Ten Paise Nineteen Only
48	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid	Each	2.00	5479.86	Five Thousand Four Hundred SeventyNine Paise EightySix Only
49	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	2.00	5044.91	Five Thousand FourtyFour Paise NinetyOne Only
50	PTMT grating 100 mm dia	Each	2.00	16.99	Sixteen Paise NinetyNine Only
51	White Vitreous China Flat back wash basin size 550x 400 mm	Each	2.00	622.97	Six Hundred TwentyTwo Paise NinetySeven Only
52	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore	Nos	12.00	345.46	Three Hundred FourtyFive Paise FourtySix Only
53	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore	Nos	2.00	345.46	Three Hundred FourtyFive Paise FourtySix Only
54	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	Nos	2.00	355.66	Three Hundred FiftyFive Paise SixtySix Only
55	Rectangular shape 1500x450 mm Mirror with Plastic moulded frame	Each	2.00	815.52	Eight Hundred Fifteen Paise FiftyTwo Only
56	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 20mm nominal dia pipes	Mtr	48.00	429.28	Four Hundred TwentyNine Paise TwentyEight Only
57	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, [i] single socketed pipes 100mm diameter	Mtr	12.00	329.61	Three Hundred TwentyNine Paise SixtyOne Only

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58	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work	Cum	19.49	455.33	Four Hundred FiftyFive Paise ThirtyThree Only
59	Providing and laying water proofing treatment to the Water tanks & Liquid Retaining structures with two component acrylic polymer modified cementitious waterproofing membrane with minimum elongation of 50% applied @ 1.5 kg/m2 for internal side waterproofing in two layers with waiting period of 4-6 hrs per layer and food grade epoxy coating in two coats certified by CFTRI Mysuru, including surface preparation completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.	Sqm	48.24	574.26	Five Hundred SeventyFour Paise TwentySix Only
60	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments2 HP, Size 50x40 Head 22M, Discharge 186 LPM	Each	1.00	19787.74	Nineteen Thousand Seven Hundred EightySeven Paise SeventyFour Only
61	Open conduit System: Supplying heavy gauge PVC conduit pipe .....dia confirming to IS 2509 with suitable size bends, plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using WF screws.a) 19/20mm dia 2mm thick	Mtr	350.00	70.02	Seventy Paise Two Only
62	Supplying and flush mounting teak wooden box without front plank, made of not less than 15mm thick wood, after due groove cutting, necessary masonry patch work complete. d)8''x6''x3''(203x152x76mm)	Each	6.00	77.23	SeventySeven Paise TwentyThree Only
63	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials a) Short point upto 3Mtr from tapping point to out let via switch	Each	8.00	284.20	Two Hundred EightyFour Paise Twenty Only
64	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials b) Medium point above 3Mtr upto 6Mtr from tapping pointr to out let via switch	Each	4.00	397.46	Three Hundred NinetySeven Paise FourtySix Only
65	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materialsc)Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Each	6.00	583.84	Five Hundred EightyThree Paise EightyFour Only

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66	Supplying 6A flush/projected type socket and a 6 amps flush/ projected type SP switch either surface/flush mounting in a exisiting gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. b) 6Amps 3/5 way	Each	1.00	147.25	One Hundred FourtySeven Paise TwentyFive Only
67	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.a) 1.5 sqmm	Mtr	325.00	26.77	TwentySix Paise SeventySeven Only
68	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.b)2.5Sqmm	Mtr	360.00	41.19	FourtyOne Paise Nineteen Only
69	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.c) 4 sqmm	Mtr	335.00	60.75	Sixty Paise SeventyFive Only
70	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc and fixing on exisiting wood or metal box using N F screws	Sqm	1500.00	0.30	Paise Thirty Only
71	Supplying and fixing retrofit type PL LED lamp LED linear Source with CCT 6500 degree K CRI 70%efficacy 80 lumen per watt life 25000 burning hours and compliance to IS 10322 IEC 60598 LM 79 and LM80.The LED are driven by HF electronicdriver integrated in the system, with PF 0.95 power loss Should 5% of lam Wattage short Circuit and open circuit Protection to be integrated Circuit THD less than 20% life as per LM79 the operating input voltage should be between130 t 275 volts.Tested by NABL CPRI accredited laboratory with 2 years Warranty agnist any manufacturing defect working under standard electrical condition. 18-20Watts	Each	18.00	711.52	Seven Hundred Eleven Paise FiftyTwo Only
72	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply	Each	8.00	135.92	One Hundred ThirtyFive Paise NinetyTwo Only
73	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with plank made out of not more than 2 pices and fixing the same to the wall using tapered inverted woode plug screws etc., a) 20"x20"2.5"	Each	4.00	324.36	Three Hundred TwentyFour Paise ThirtySix Only
74	Supplying and fixing of Procelain fuse channel with cut out on exisiting wooden/panel using necessary nuts, bolts and washers etc., complete.a) 32Amps	Each	6.00	205.94	Two Hundred Five Paise NinetyFour Only
75	Supply of an load charge over switches 4poles 415v 50Hz A.C supply with AC23A duty a) up to 63amps Groups A	Each	1.00	5338.99	Five Thousand Three Hundred ThirtyEight Paise NinetyNine Only
76	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. e)6-32amps TPN . Group A	Each	1.00	2470.25	Two Thousand Four Hundred Seventy Paise TwentyFive Only
77	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. 6-32amps TPN Group A	Each	1.00	1829.78	One Thousand Eight Hundred TwentyNine Paise SeventyEight Only

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				Rate	Rate in words
78	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 A three phase 4 wire whole current class-1 Accuracy Energy Meter.	Each	2.00	5277.21	Five Thousand Two Hundred SeventySeven Paise TwentyOne Only
79	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 thick Gl pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. the connection form the pipe to the conduit etc, is to be established through Gl wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12mm dia	Nos	1.00	3088.07	Three Thousand EightyEight Paise Seven Only
80	Supplying and running of GI/Copper strips for grounding connections using necessary fixing material as required GI strip 25x3mm	Mtr	30.00	77.23	SeventySeven Paise TwentyThree Only
81	Supplying and fixing of class A (medium duty) Gl pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. a) 40mm	Mtr	4.00	344.95	Three Hundred FourtyFour Paise NinetyFive Only

Raghunath

Signature of the Contractor

Executive Engineer
Yelahanka Division
Yelahanka-24
Bruhat Bangalore Mahanagara Palike
BANGALORE - 56

Executive Engineer
Yelahanka Division
BBMP, Bangalore

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